



Welding process

- MMA (Electrode)
- TIG DC Lift start
- MIG/MAG shortspray manual arc
- MIG/MAG shortspray synergic arc
- MIG/MAG brazing

Materials

- Carbon steels
- Aluminized and galvanized steels
- Stainless steels
- Aluminum and aluminum alloys

Applications

- Light jobshop fabrication
- Buildingsites
- Repair and overhaul
- Handicraft working
- Chassis
- Workshops
- Sheet metalworking








Technical features








- "greenWave" inverter technology for high energy efficiency and perfect control over all welding phases
- Heavy duty and environmental conditions, high service life
- CAN field bus digital communication protocol system (very high speed and high reliability digital communication)
- Reduced dimensions and compact construction
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Linear controlled fan on demand
- Energy-saving inverter technology (built-in P.F.C. - power factor controller)
- Built-in wire feeder unit (2 roll drives)
- Ø 200 mm wire spool compatible
- Welding polarity switch device
- Full digital and user-friendly control panel
- Welding parameters digital display
- Last job settings auto-storage at switch-off
- User-defined welding program storage capability (8 free memory locations)
- Lock-unlock function key protected by password
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Synergic setting for optimal stick welding with multiple types of electrodes
- Reduced electromagnetic interference with lift start TIG welding
- 2/4 step operating mode
- Arc dynamic adjustment
- Perfect arc ignition (soft start - motor slope)
- Burn-back and droplet detachment correction
- Crater filler operating mode
- Synergic operations from databank (19 pre-set programs)
- Wire speed (0,5-16,0 m/min), amperage and piece thickness adjustment
- Spot welding mode
- Intermittent welding mode

URANOS 2000 SMC

Power source

			P	X%	P.F.	I₂	U_o	IP	 mm l x w x h	 Kg
URANOS 2000 SMC	1x230V MIG/MAG	25A	5,7kVA 5,7kW	40°C 35% 200A	1	5-200A	58V	23S	500x210x400mm	12,8kg
				40°C 60% 160A						
				40°C 100% 130A						
	1x230V TIG	20A	4,2kVA 4,2kW	40°C 35% 200A	1	5-200A	58V	23S	500x210x400mm	12,8kg
				40°C 60% 170A						
				40°C 100% 140A						
	1x230V MMA	25A	5,7kVA 5,7kW	40°C 35% 180A	1	5-180A	58V	23S	500x210x400mm	12,8kg
				40°C 60% 150A						
				40°C 100% 115A						

Wirefeeder

	P	ϕ (m/min)	 mm		\emptyset mm	ϕ		T		IP	 mm l x w x h	 Kg
URANOS 2000 SMC SF 2R-1T	40W	0,5-16,0m/min	200mm	2 ●	0,8/1,0mm ● 0,6-1,0mm ○ A 0,8-1,0mm ○ Z 0,9-1,2mm ○	-	-	-	-	/	92x160x125mm	0,9kg

● = Included

○ = Optional

A = Aluminum

Z = Cored

CONFIGURATIONS

URANOS 2000 SMC - MIG/MAG welding configuration - Gas

AC

55.05.019 URANOS 2000 SMC 1X230V + MT 150 G TORCH + WORK CABLE

A